

STIC Biotechnology Systems Branch

PCT/10

#2

CRF Problem Report

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 10/529,157
Filing Date: 3/24/05
Date Processed by STIC: 4/4/05

STIC Contact: Mark Spencer: Telephone: 571-272-2510; Fax: 571-273-0221

Nature of Problem:

The CRF (was):

- ☐ (circle one) Damaged or Unreadable (for Unreadable, see attached)
☐ Blank (no files on CRF) (see attached)
☐ Empty file (filename present, but no bytes in file) (see attached)
☐ Virus-infected. Virus name: _____ The STIC will not process the CRF.
☒ Not saved in ASCII text (*see attached*)
☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.
☐ Did not contain a Sequence Listing. (see attached sample)
☐ Other: _____

**PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM TO REDUCE ERRORS.
SEE BELOW FOR ADDRESS:**

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

see item 9 below

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Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/529,157

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ **Wrapped Nucleics
Wrapped Aminos** The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 ☐ **Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 ☐ **Misaligned Amino
Numbering** The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 ☐ **Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 ☐ **Variable Length** Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 ☐ **PatentIn 2.0
"bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 ☐ **Skipped Sequences
(OLD RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 ☐ **Skipped Sequences
(NEW RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 ☒ **Use of n's or Xaa's
(NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 ☐ **Invalid <213>
Response** Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ☐ **Use of <220>** Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 ☐ **PatentIn 2.0
"bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 ☐ **Misuse of n/Xaa** "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

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submitted file was not saved in

2

ASCII text,
required by
Sequence Rules

Do not save
sequence listing
files in "PDF"
format.

SEQUENCE LISTING

<110> JOHNSON & JOHNSON MEDICAL LIMITED
<120> ENZYME-SENSITIVE THERAPEUTIC WOUND DRESSING

<130> P031972WO

<140> PCT/GB03/04250

<141> 2003-10-01

<150> GB 0222722.1

<151> 2002-10-01

<160> 23

<170> SeqWin99, version 1.02

<210> 1

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligopeptide sequence cleavable by elastase

<400> 1

Lys Gly Ala Ala Ala Lys

1

5

<210> 2

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligopeptide sequence cleavable by elastase

<400> 2

Ala Ala Pro Val

1

<210> 3

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligopeptide sequence cleavable by elastase

<400> 3

Ala Ala Pro Leu

1

<210> 4

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligopeptide sequence cleavable by elastase

These
are
prior data

↓

<1507

<1517

<140> delete

<141>

<150> delete

<151>

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3

<400> 4
Ala Ala Pro Phe
1

<210> 5
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by elastase

<400> 5
Ala Ala Pro Ala
1

<210> 6
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by elastase

<400> 6
Ala Tyr Leu Val
1

<210> 7
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by a matrix metalloprotease

<400> 7
Gly Pro Xaa Gly Pro Xaa
1 5

<210> 8
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by a matrix metalloprotease

<400> 8
Gly Pro Leu Gly Pro Xaa
1 5

<210> 9
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Oligopeptide sequence cleavable by a matrix metalloprotease

all Xaa's need explanation (see p. 4 for Error Summary Report)

These errors appear in subsequent sequences. The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

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on <2227 line,

5

<221> MOD_RES

<222> ~~Cysteine residue~~

<223> Methylation

(4)..(4) ← give location of residue

<400> 14

Pro Leu Gly Cys His

1

5

<210> 15

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligopeptide sequence cleavable by collagenase

<400> 15

Pro Leu Gly Leu Trp Ala

1

5

<210> 16

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligopeptide sequence cleavable by collagenase

<400> 16

Pro Leu Ala Leu Trp Ala Arg

1

5

<210> 17

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligopeptide sequence cleavable by collagenase

<400> 17

Pro Leu Ala Tyr Trp Ala Arg

1

5

<210> 18

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Oligopeptide sequence cleavable by gelatinase

<400> 18

Pro Leu Gly Met Trp Ser Arg

1

5

<210> 19

<211> 4

<212> PRT

<213> Artificial Sequence

(see 1.823 of
Sequence Rules)

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P031972WO Sequences for Listing:

Lys-Gly-Ala-Ala-Ala-Lys
Ala-Ala-Pro-Val
Ala-Ala-Pro-Leu
Ala-Ala-Pro-Phe
Ala-Ala-Pro-Ala
Ala-Tyr-Leu-Val

Gly-Pro-Y-Gly-Pro-Z
Gly-Pro-Leu-Gly-Pro-Z
Gly-Pro-Ile-Gly-Pro-Z
Ala-Pro-Gly-Leu-Z

Pro-Leu-Gly-Pro-D-Arg-Z
Pro-Leu-Gly-Leu-Leu-Gly-Z
Pro-Gln-Gly-Ile-Ala-Gly-Trp
Pro-Leu-Gly-Cys(Me)-His
Pro-Leu-Gly-Leu-Trp-Ala
Pro-Leu-Ala-Leu-Trp-Ala-Arg
Pro-Leu-Ala-Tyr-Trp-Ala-Arg

Pro-Leu-Gly-Met-Trp-Ser-Arg

Gly-Arg-Gly-Asp
Gly-Arg-Gly-Asp-Asn-Pro
Gly-Arg-Gly-Asp-Ser
Gly-Arg-Gly-Asp-Ser-Pro-Lys

Pro-Tyr-Ala-Tyr-Trp-Met-Arg

TOTAL : 23 SEQUENCES

All artificial sequences.

Three a/a sequences ignored.

Assume D = Asn (see page 9, line 2).

delete
do
not
include
this
section
in the
sequence
listing